

ne 1 22. The database system of claim 21 coupled to a fleet management system configured to  
2 operate a fleet of the plurality of mobile units.

ne 1 23. The database system of claim 21 coupled to a wireless communication server  
2 configured to communicate with the plurality of mobile units.

ne 1 24. The database system of claim 23 wherein the wireless communication server is  
2 configured to use a two-way messaging device for communicating to one of the plurality of mobile units.

DI 1 525. (Amended) The database system of claim 21 coupled to a  
2 [maintenance] monitoring system configured to provide information regarding [an  
3 appropriate action] the database system.

1 626. (Amended) The database system of claim 25 wherein the [appropriate  
2 action includes] monitoring system is configured to perform system maintenance.

ne 1 27. The database system of claim 21 coupled to a routing system configured to select an  
2 appropriate route for a selected one of the mobile units.

ne 1 28. The database system of claim 27 wherein the routing system utilizes routes from a list  
2 comprising a fixed route, scheduled route, and optimized route.

ne 1 29. The database system of claim 27 wherein the selected route includes street data from  
2 the vector information.

ne 1 30. The database system of claim 21 coupled to a dispatch management system configured  
2 to manage the computer aided dispatching.

ne 1 31. The database system of claim 21 coupled to a dispatch management system configured  
2 to manage the computer aided dispatching.

ne 1 32. The database system of claim 21 further including a display operably couple to the  
2 computer, the display comprising a first and a second display segments, the first display segment comprising a  
3 digitized representation of a raster map retrieved from the raster information and a plurality of user locatable  
4 marks, each of the plurality of user locatable marks representing of one of the plurality of mobile units at a mobile  
5 unit position, the second display segment comprising vector, text data retrieved from the vector information for at  
6 least one of said plurality of mobile units.

42

ne 1 33. The database system of claim 32 wherein the mobile unit position is for a  
2 predetermined time period.

ne 1 34. The database system of claim 32 wherein each of the user locatable marks is an icon.

ne 1 35. The database system of claim 32 wherein the first and second display segments are  
2 simultaneously displayed.

ne 1 36. The database system of claim 21 wherein each of the plurality of mobile units  
2 comprises a navigation tracking device, the navigational tracking device including a microprocessor operably  
3 coupled to a global positioning system (GPS) navigational sensor and a mobile radio modem operably coupled to  
4 the microprocessor.

ne 1 37. The database system of claim 21 wherein the position data includes a first value and a  
2 second value, the first value being a latitude position and the second value being a longitude position.

ne 1 38. The database system of claim 21 wherein the vector information includes a street  
2 name.

ne 1 39. The database system of claim 21 wherein the vector information includes a block  
2 number.

ne 1 40. The database system of claim 21 wherein the vector information includes a major street  
2 cross-section.

21 A1. (Amended) A database system for computer aided dispatching  
comprising:  
mobile position information, including position data about a plurality of mobile  
units;  
raster information, including digitized data about a first selected segment of  
interest;  
vector information, including intelligent data about a second selected segment  
of interest;  
a computer operably coupled to access the mobile position, raster, and vector  
information, configured to provide interrelated position data regarding at least one of the  
plurality of mobile units;

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12 a fleet management system **[operable]** operably coupled to the mobile position,  
13 raster, and vector information, configured to operate a fleet of the plurality of mobile units; and  
14 a dispatch management system **[operable]** operably coupled to the mobile  
15 position, raster, and vector information, configured to manage the computer aided dispatching.

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1 42. The database system of claim 41 coupled to a routing system configured  
2 to select an appropriate route for a selected one of the mobile units.

1 43. A database system for computer aided dispatching comprising:  
2 mobile position information, including position data about a plurality of mobile  
3 units;

4 vector information, including intelligent data about a second selected segment  
5 of interest;

6 a computer operably coupled to access the mobile position and vector  
7 information, configured to provide interrelated position data regarding at least one of the  
8 plurality of mobile units; and

9 a fleet management system operably coupled to the computer, configured to  
10 operate a fleet of the plurality of mobile units.

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1 44. The database system of claim 43 coupled to a wireless communication  
2 server configured to communicate with the plurality of mobile units.

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1 45. The database system of claim 44 wherein the wireless communication  
2 server is configured to use a two-way messaging device for communicating to one of the  
3 plurality of mobile units.

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1 46. (Amended) The database system of claim 43 coupled to a  
2 **[maintenance]** monitoring system configured to provide information regarding **[an**  
3 **appropriate action]** the database system.

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1 247. (Amended) The database system of claim 46 wherein the **[appropriate**  
2 **action includes]** monitoring system is configured to perform system maintenance.

44